

COMPACT INTEGRATED TOUCH PANEL DISPLAY FOR  
A HANDHELD DEVICE

ABSTRACT OF THE DISCLOSURE

5 A handheld device with a compact integrated touch panel  
is disclosed. A handheld device incorporating a touch panel  
display requiring electrical connections is reduced in size  
by incorporating electrical pathways within the support  
structure of the touch panel display, obviating the need for  
10 a flex circuit extension from the touch panel display for  
connection to the handheld device. A further reduction in  
size is obtained by providing an inherent visually  
homogeneous perimeter for the touch panel display by matching  
the colors of the conductive and dielectric materials,  
15 thereby eliminating the need for a bezel.